

ABSTRACT OF THE DISCLOSURE

The present invention provides a real-time means of automatically updating the content of a user pre-selected set of web pages without any activity required on the part of the user to initiate each web page updating procedure. This is achieved by incorporating into a browser of a user's computing device software code that is responsive to real-time web page content change notification messages to cause the browser to reload a URL identified in the change notification message. Alternatively, the software code may comprise a Java applet or the like embedded in a downloaded web page that is responsive to change notification messages to cause the browser to reload a web page whose URL is identified in the message or to reload a currently displayed web page. The change notification messages are generated by applications whose web page content has changed and the messages are relayed in real-time to push client agents comprising said software code by a message broker agent. The invention offers many advantages including reducing unnecessary web page reload operations and thus reducing network traffic.